

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

APPLICANT
DAGGETT *et al.*

FILING DATE
September 29, 1997

GROUP
Unassigned

U.S. PTO
10/007747
12/07/01

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	Translation NO YES

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

2	A	George <i>et al.</i> , Current Methods in Sequence Comparison, <i>Macromolecular Sequencing and Synthesis Selected Methods and Applications</i> , Alan R. Liss, Inc., pp. 127-149 (1988)
2	B	Grenningloh <i>et al.</i> , Alpha subunit variants of the human glycine receptor: primary structures, functional expression and chromosomal localization of the corresponding genes, <i>The EMBO J.</i> 9(3): 771-776 (1990)
2	C	Puckett <i>et al.</i> , Molecular cloning and chromosomal localization of one of the human glutamate receptor genes, <i>Proc. Natl. Acad. Sci. U.S.A.</i> 88: 7557-7561 (1991)
2	D	Schofield <i>et al.</i> , Sequence and expression of human GABA _A $\alpha 1$ and $\Delta 1$ subunits, <i>FEBS Lett.</i> 244(2): 361-364 (1989)
2	E	Sun <i>et al.</i> , Molecular cloning, chromosomal mapping, and functional expression of human brain glutamate receptors, <i>Proc. Natl. Acad. Sci. U.S.A.</i> 89:1443-1447 (1992)

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John W. W.

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4-9-99

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EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
<i>h</i>	A	4	8	3	7	1	4	8	6/6/89	Clegg	435	172.3	10/30/84
<i>h</i>	B	4	8	5	5	2	3	1	8/8/89	Stroman <i>et al.</i>	435	68	9/25/85
<i>h</i>	C	4	8	8	2	2	7	9	11/21/89	Clegg	435	68	10/25/85
<i>h</i>	D	4	9	2	9	5	5	5	5/29/90	Clegg <i>et al.</i>	435	172.3	10/19/87
<i>h</i>	E	5	0	2	4	9	3	9	6/18/91	Gorman	435	69.1	9/25/87
<i>h</i>	F	5	0	2	8	7	0	7	7/2/91	Nichols <i>et al.</i>	546	156	11/20/89
<i>h</i>	G	5	2	0	2	2	5	7	4/13/93	Heinemann <i>et al.</i>	435	252.3	6/21/91
<i>h</i>	H	5	4	0	1	6	2	9	3/28/95	Harpold <i>et al.</i>	435	6	8/7/90
<i>h</i>	I	5	4	0	3	4	8	4	4/4/95	Ladner <i>et al.</i>	435	235.1	1/26/93
<i>h</i>	J	5	4	3	6	1	2	8	7/25/95	Harpold <i>et al.</i>	435	6	1/27/93

FOREIGN PATENT DOCUMENTS

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<i>h</i>	K	0	6	0	0	2	7	8	6/8/94	EP A2	-	-		
<i>h</i>	L	0	6	0	6	7	3	4	7/20/94	EP	-	-		
<i>h</i>	M	0	6	7	4	0	0	3	9/27/95	EP	-	-		
<i>h</i>	N	2	2	9	1	6	4	7	1/31/96	GB	-	-		
<i>h</i>	O	6	0	1	4	7	8	3	1/25/94	JP	-	-		
<i>h</i>	P	9	1	0	6	6	4	8	5/16/91	PCT	-	-		
<i>h</i>	Q	9	2	2	3	7	6	9	11/12/92	GB	-	-		
<i>h</i>	R	9	3	0	7	0	2	6	4/2/93	GB	-	-		
<i>h</i>	S	9	3	1	3	4	2	3	7/8/93	PCT	-	-		
<i>h</i>	T	9	3	2	3	5	3	6	11/25/93	PCT	-	-		
<i>h</i>	U	9	3	2	4	6	2	9	12/9/93	PCT	-	-		

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2	V	9	3	2	5	6	7	9	12/23/93	PCT	-	-	•
2	W	9	4	0	1	0	9	4	1/20/94	PCT	-	-	•
2	X	9	4	0	4	6	9	8	3/3/94	PCT	-	-	•
2	Y	9	4	0	6	4	2	8	3/31/94	PCT	-	-	
2	Z	9	4	1	1	5	0	1	5/26/94	PCT	-	-	
2	AA	9	5	2	6	4	0	1	10/5/95	PCT	-	-	•

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2	AE	Albin <i>et al.</i> , Abnormalities of striatal projection neurons and N-methyl-D-aspartate receptors in presymptomatic Huntington's Disease, <i>N. Engl. J. Med.</i> 322(18):1293-1298 (1990)
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2	AM	Bradford, A rapid and sensitive method for the quantitation of microgram quantities of protein utilizing the principle of protein-dye binding, <i>Anal. Biochem.</i> 72:248 (1976)
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2	AR	Coyle <i>et al.</i> , Oxidative stress, glutamate, and neurodegenerative disorders, <i>Science</i> 262:689-695 (1993)
2	AS	Daggett <i>et al.</i> , Cloning and functional characterization of three splice variants of the human NMDAR1 receptor, <i>Biophys J.</i> , 36(2):447 (1994)
2	AT	Dascal, The use of <i>Xenopus</i> oocytes for the study of ion channels, <i>CRC Critical Reviews in Biochemistry</i> 22(4):317-387 (1987)
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2	BJ	Hess <i>et al.</i> , Biophysical properties of human NMDA receptors stably expressed in mammalian cells, <i>Soc. Neurosci. Abstr.</i> 21:1-3 (1995)
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2	BL	Hollman <i>et al.</i> , Zinc potentiates agonist-induced currents at certain splice variants of the NMDA receptor, <i>Neuron</i> 10:943-954 (1993)
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BS	Karp <i>et al.</i> , Molecular cloning and chromosomal localization of the key subunit of the human <i>N</i> -methyl-D-aspartate receptor, <i>J. Biol. Chem.</i> 268:3728-3733 (1993)
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BZ	Krieg and Melton, Functional messenger RNAs are produced by SP6 <i>in vitro</i> transcription of cloned cDNAs, <i>Nucleic Acids Research</i> 12:7057-7070 (1984)
CA	Kumar <i>et al.</i> , Cloning of cDNA for the glutamate-binding subunit of an NMDA receptor complex, <i>Nature</i> 354:70-73 (1991)
CB	Kutsuwada <i>et al.</i> , Molecular diversity of the NMDA receptor channel, <i>Nature</i> 358:36-41 (1992)
CC	Kyte and Doolittle, A simple method for displaying the hydropathic character of a protein, <i>J. Mol. Biol.</i> 157:105 (1982)
CD	Landwehrmeyer <i>et al.</i> , NMDA receptor subunit mRNA expression by projection neurons and interneurons in rat striatum, <i>J. Neurosci.</i> 15(7): 5297-5307 (1995)

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22	CE	Le Bourdellès <i>et al.</i> , Cloning, functional coexpression, and pharmacological characterisation of human cDNAs encoding NMDA receptor NR1 and NR2A subunits, <i>J. Neurochem.</i> 62:2091-2098 (1994)
22	CF	Linder and Gilman, G proteins, <i>Scientific American</i> 267:56-65 (1992)
22	CG	Liu <i>et al.</i> , Mutational analysis of the relative orientation of transmembrane helices I and VII in G protein-coupled receptors, <i>J. Biol. Chem.</i> 270(3):19532-19539 (1995)
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22	CR	Monyer <i>et al.</i> , Heteromeric NMDA receptors: Molecular and functional distinction of subtypes, <i>Science</i> 256:1217-1221 (1992)
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2	CU	Nakajima <i>et al.</i> , Direct linkage of three tachykinin receptors to stimulation of both phosphatidylinositol hydrolysis and cyclic AMP cascades in transfected Chinese hamster ovary cells, <i>J. Biol. Chem.</i> 267:2437-2442 (1992)
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<i>h</i>	DH	Sambrook <i>et al.</i> , <i>Molecular Cloning. A Laboratory Manual</i> , 2d Ed., Cold Spring Harbor Laboratory Press (1989)
<i>h</i>	DI	Sanes <i>et al.</i> , Use of a recombinant retrovirus to study post-implantation cell lineage in mouse embryos, <i>EMBO J.</i> 5(12):3133-3142 (1986)
<i>h</i>	DJ	Sanner <i>et al.</i> , NMDA receptor blockade rescues Clarke's and red nucleus neurons after spinal hemisection, <i>J. Neurosci.</i> 14(11):6472-6480 (1995)
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<i>h</i>	DP	Smirnova <i>et al.</i> , Cloning a complementary DNA fragment of human brain kainate receptor, <i>Dokl. Akad. Nauk SSSR</i> 309(3):745-748 (1989)
<i>h</i>	DQ	Smirnova <i>et al.</i> , Characterization of a presynaptic glutamate receptor, <i>Science</i> 262:430-433 (1993)
<i>h</i>	DR	Smirnova <i>et al.</i> , Transsynaptic expression of a presynaptic glutamate receptor during hippocampal long-term potentiation, <i>Science</i> 262:433-436 (1993)
<i>h</i>	DS	Sommer <i>et al.</i> , Glutamate receptor channels: novel properties and new clones, <i>Trends Pharmacol. Sci</i> 13:291-296 (1992)
<i>h</i>	DT	Steiner <i>et al.</i> , Radioimmunoassay for cyclic nucleotides, <i>J. Biol. Chem.</i> 247:1106-1113 (1972)
<i>h</i>	DU	Stillman <i>et al.</i> , Replication and supercoiling of simian virus 40 DNA in cell extracts from human cells, <i>Mol. Cell. Biol.</i> 5:2051-2060 (1985)
<i>h</i>	DV	Stühmer, Electrophysiological recording from <i>Xenopus</i> oocytes, <i>Meth. Enzymol.</i> 207:319-339 (1992)
<i>h</i>	DW	Stumpo, D. <i>et al.</i> , Identification of c-fos sequences involved in induction by insulin and phorbol esters, <i>J. Biol. Chem.</i> 263(4):1611 (1988)
<i>h</i>	DX	Sugihara <i>et al.</i> , Structures and properties of seven isoforms of the NMDA receptor generated by alternative splicing, <i>Biochem. Biophys. Res. Commun.</i> 185(3):826-832 (1992)

EXAMINER




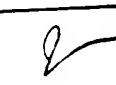
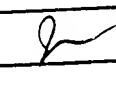
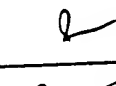

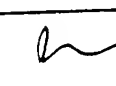

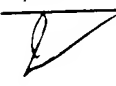
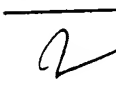
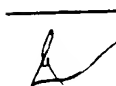
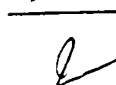
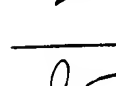
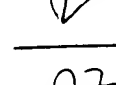
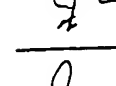
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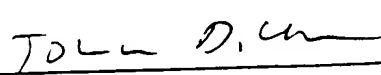
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	DY	Sugiyama <i>et al.</i> , A new type of glutamate receptor linked to inositol phospholipid metabolism, <i>Nature</i> 325:531 (1987)
	DZ	Sullivan <i>et al.</i> , Identification of two cysteine residues that are required for redox modulation of the NMDA subtype of glutamate receptor, <i>Neuron</i> 13:929-936 (1994)
	EA	Takano <i>et al.</i> , Chromosomal localization of the $\epsilon 1$, $\epsilon 3$ and $\zeta 1$ subunit genes of the human NMDA receptor channel, <i>Biochem. Biophys. Res. Commun.</i> 197(2):922-926 (1993)
	EB	Tamir <i>et al.</i> , G-protein $\beta\gamma$ forms: Identity of β and diversity of γ subunits, <i>Biochemistry</i> 30:3929 (1991)
	EC	Tanabe <i>et al.</i> , A family of metabotropic glutamate receptors, <i>Neuron</i> 8:169-179 (1992)
	ED	Tingley <i>et al.</i> , Regulation of NMDA receptor phosphorylation by alternative splicing of the C-terminal domain, <i>Nature</i> 364:70-73 (1993)
	EE	Ulas <i>et al.</i> , Selective increase of NMDA-sensitive glutamate binding in the striatum of Parkinson's disease, Alzheimer's disease, and mixed Parkinson's disease/ Alzheimer's disease patients: An autoradiographic study, <i>J. Neurosci.</i> 14(11):6317-6324 (1994)
	EF	Urlaub <i>et al.</i> , Effect of gamma rays at the dihydrofolate reductase locus: Deletions and Inversions, <i>Somatic Cell and Mol. Genetics</i> 12(6):555-566 (1986)
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	EI	Waechter and Baserga, Effect of methylation on expression of microinjected genes, <i>Proc. Natl. Acad. Sci. USA</i> 79:1106-1110 (1982)
	EJ	Wafford <i>et al.</i> , Preferential co-assembly of recombinant NMDA receptors composed of three different subunits, <i>NeuroReport</i> 4(12):1347-1349 (1993)
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